

# MRI Solutions

**MRI CONDITIONAL.** Putting Safety First



“ **Missile effect or projectile injury from ferromagnetic objects being pulled into MRI scanners at rapid velocity, accounts for 10% of MRI injuries.** ”



## MRI CARTSMART

Healthcare Solutions  
designed to **Protect People**

Due to the expensive and potentially dangerous de-activation of MRI magnetism, MRI scanners are constantly “on”, rendering a volatile environment for non-tested magnetic objects.

Records show that “missile effect” or “projectile” injury from ferromagnetic objects being pulled into MRI scanners at rapid velocity, accounts for 10% of MRI injuries. In isolated cases, such missiles have also been the cause of death.

**Sharpsmart MRI Cartsmart** is the first trolley of its kind designed for the MRI environment. MRI Conditional with non-ferrous screws and castors, its non-magnetic construction is made for use with all Sharpsmart and Clinismart collectors.



**DIMENSIONS:**

865mm (H) x 435mm (W) x 432mm (D)

**MATERIAL:**

LLDPE plastic (Minor components aluminium, stainless steel and brass)



# MRI Conditional Design

**All Sharpsmart and Clinismart collectors have been designed to MRI Conditional standards. Tested in MRI environments, the non-magnetic metal construction passes the non-ferromagnetic requirements for use in an MRI environment.**

Metal components of Sharpsmart's collectors include:

- 4 x 300 series stainless steel screws on rear of collector
- 2 x stainless steel springs on underside of safety tray
- 2 x stainless steel tray pins

Metal components of the Sharpsmart MRI Cartsmart include:

- 5 x 300 series stainless steel screws
- 3 x aluminium nutserts
- 4 x springs and 8 x aluminium pins in castors

